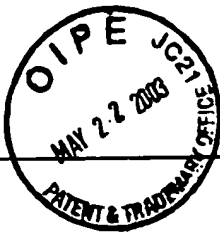


FORM PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Torney Docket No.: UM-04985		Serial No.: 09/751,493		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use Several Sheets If Necessary)				Applicant: Mark A. Burns <i>et al.</i>				
				Filing Date: 12/28/00		Group Art Unit: 1634		
(37 CFR § 1.98(b))								
U.S. PATENT DOCUMENTS								
Examiner Initials	Cite No.	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date	
BFA	1	4,683,195	07/28/87	Mullis <i>et al.</i>	435	6	02/07/86	
	2	4,683,202	07/28/87	Mullis <i>et al.</i>	435	91	10/25/86	
	3	5,091,328	02/25/92	W. Miller	437	52	11/21/89	
BFA	4	4,829,324	5/09/89	Drake <i>et al.</i>	346	140	12/23/87	
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS								
		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
BFA	5	2672301	8/1992	FR				
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)								
BFA	6	Marmur and Lane, "Strand Separation and Specific Recombination in Deoxyribonucleic Acids: Biological Studies," <i>Proc. Nat. Acad. Sci. U.S.A.</i> 46, 453 (1960)						
	7	Doty <i>et al.</i> , "Strand Separation and Specific Recombination in Deoxyribonucleic Acids: Physical Chemical Studies," <i>Proc. Nat. Acad. Sci. U.S.A.</i> 46, 461 (1960)						
	8	Hayashi <i>et al.</i> , "Restriction of in Vivo Genetic Transcription to one of the Complementary Strands of DNA," <i>Proc. Nat. Acad. Sci. U.S.A.</i> 50, 664 (1963)						
	9	Smith and Wilcox, "A Restriction Enzyme from <i>Hemophilus influenzae</i> ," <i>J. Mol. Biol.</i> 51, 379 (1970)						
	10	Southern, "Detection of Specific Sequences Among DNA Fragments Separated by Gel Electrophoresis," <i>J. Mol. Biol.</i> 98, 503 (1975)						
	11	Maxam and Gilbert, "A new method for sequencing DNA," <i>Proc. Natl. Acad. Sci. USA</i> 74:560 (1977)						
	12	Sanger <i>et al.</i> , "DNA sequencing with chain-terminating inhibitors," <i>Proc. Natl. Acad. Sci. USA</i> 74:5463 (1977)						
	13	Graham <i>et al.</i> , "Direct DNA sequencing using avian myeloblastosis virus and Moloney murine leukemia virus reverse transcriptase" Bethesda Res. Lab. Focus 8(2):4 (1986)						
	14	Sambrook, J. <i>et al.</i> Molecular Cloning, A Laboratory Manual, 2d Ed. Cold Spring Harbor Laboratory Press, New York, 13.7-13.9						
	15	Hunkapiller M.W., "Advances in DNA sequencing technology," <i>Curr. Op. Gen. Devl.</i> 1:88-92 (1991)						
	16	Tabor <i>et al.</i> , "DNA sequence analysis with a modified bacteriophage T7 DNA polymerase," <i>Proc. Natl. Acad. Sci. USA</i> 84:4767 (1987)						
	17	Innis <i>et al.</i> , "DNA sequencing with <i>Thermus aquaticus</i> DNA polymerase and direct sequencing of polymerase chain reaction-amplified DNA," <i>Proc. Natl. Acad. Sci. USA</i> 85:9436 (1988)						
	18	J. Pfahler <i>et al.</i> , "Liquid Transport in Micron and Submicron Channels," <i>Sensors and Actuators</i> , A21-A23, pp. 431-434 (1990)						
	19	H.T.G. Van Lintel <i>et al.</i> , "A Piezoelectric Micropump based on Micromachining of Silicon," <i>Sensors and Actuators</i> 15:153-167 (1988)						
	20	Smits, "Piezoelectric Micropump with Three Valves Working Peristaltically," <i>Sensors and Actuators</i> A21-A23:203 (1990)						
	21	Mullis and Faloona, "Specific Synthesis of DNA <i>in Vitro</i> via a Polymerase-Catalyzed Chain Reaction," <i>Meth. Enzym.</i> 155:335 (1987)						
	22	Arnheim, "Polymerase Chain Reaction Strategy," <i>Annu. Rev. Biochem.</i> 61:131 (1992)						
	23	Nickerson <i>et al.</i> , "Automated DNA diagnostics using an ELISA-based oligonucleotide ligation assay," <i>Proc. Nat. Acad. Sci. USA</i> 87:8923 (1990)						
	24	Gordon <i>et al.</i> , "Capillary Electrophoresis," <i>Science</i> 27:224 (1988)						
BFA	25	Lawrence Berkeley Lab Presentation, Park City, Utah (1993)						
Examiner: BFA Larson				Date Considered: 7/6/05				
<b>EXAMINER:</b> Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								



FORM PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: UM-04985		Serial No.: 09/751,493	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary)				Applicant: Mark A. Burns <i>et al.</i>			
				Filing Date: 12/28/00		Group Art Unit: 1634	
(37 CFR § 1.98(b))							
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)							
26	Turner, "New Dimensions in Capillary Electrophoresis Columns," LC-GC vol. 9 (1991)						
27	Heller and Tullis, "Microelectrophoresis for the separation of DNA fragments," Electrophoresis 13:512 (1992)						
28	Manz <i>et al.</i> , "Planar chips technology for miniaturization and integration of separation techniques into monitoring systems Capillary electrophoresis on a chip," J. Chrom. 593:253 (1992)						
29	Jorgenson and Lukacs, "High-Resolution Separations Based on Electrophoresis and Electroosmosis," J. Chrom. 218:209 (1981)						
30	Ansorge <i>et al.</i> , "High-throughput automated DNA sequencing facility with fluorescent labels at the European Molecular Biology Laboratory," Electrophoresis 13:616 (1992)						
31	Pentoney <i>et al.</i> , "A single-fluor approach to DNA sequence determination using high performance capillary electrophoresis," Electrophoresis 13:467 (1992)						
32	Tenan <i>et al.</i> , "Friction in Capillary Systems," Journal of Applied Physics 53:6687 (1982)						
33	Dussan, "On the Spreading of Liquids on Solid Surfaces Static and Dynamic Contact Lines," Annual Review of Fluid Mechanics 11:371 (1979)						
34	Probstein, "Physicochemical Hydrodynamics," (1989)						
35	R.F. Service, "The Incredible Shrinking Laboratory," Science 268:26 (1995)						
36	Presentation at Cold Spring Harbor (August 31-September 2, 1995)						
37	R. Nowak, "Xeroxing DNA Analysis" pp. 1135						
38							
39							
40							
41							
42							
43							
44							
45							
46							
47							
48							
49							
50							
51							
52							
53							
54							
Examiner: <i>B.L. Lison</i>				Date Considered: <i>9/6/05</i>			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							